LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
Data File : BF136133.D
Acq On : 03 Nov 2023 19:40
Operator : CG\JU
Sample : 05141-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	498	503	508	rBV	55863	64413	2.79%	0.365%
2	5.446	566	571	574	rBV	1993583	1855569	80.27%	10.529%
3	6.451	736	742	745	rBV	1916794	1851597	80.10%	10.506%
4	6.645	772	775	781	rBV	27177	27414	1.19%	0.156%
5	6.816	801	804	808	rVB	812461	610609	26.41%	3.465%
6	7.381	895	900	903	rBV	1448082	1227433	53.10%	6.965%
7	8.098	1018	1022	1025	rBV	1000410	796708	34.47%	4.521%
8	9.175	1201	1205	1209	rBV	2607192	2311643	100.00%	13.116%
9	9.292	1222	1225	1230	rVB	36089	31234	1.35%	0.177%
10	9.857	1317	1321	1324	rBV	1061826	847438	36.66%	4.808%
11	10.645	1451	1455	1458	rBV	1563081	1245004	53.86%	7.064%
12	11.345	1570	1574	1576	rBV	949130	760854	32.91%	4.317%
13	11.369	1576	1578	1582	rVV	252881	190705	8.25%	1.082%
14	11.422	1582	1587	1590	rVB	33133	31623	1.37%	0.179%
15	11.851	1657	1660	1662	rBV	48071	40441	1.75%	0.229%
16	11.886	1662	1666	1671	rVV2	219068	238708	10.33%	1.354%
17	11.963	1675	1679	1681	rVV2	57500	66083	2.86%	0.375%
18	11.986	1681	1683	1688	rVB	36336	30114	1.30%	0.171%
19	12.169	1712	1714	1721	rVB2	25965	25834	1.12%	0.147%
20	12.404	1749	1754	1757	rBV	29160	28928	1.25%	0.164%
21	12.563	1778	1781	1785	rBV	256168	220961	9.56%	1.254%
22	12.663	1795	1798	1799	rBV	45719	38985	1.69%	0.221%
23	12.680	1799	1801	1805	rVB3	54089	54362	2.35%	0.308%
24	12.769	1812	1816	1817	rBV2	55765	59649	2.58%	0.338%
25	12.792	1817	1820	1823	rVB	247107	253215	10.95%	1.437%
26	12.945	1842	1846	1850	rVV	2119684	1881759	81.40%	10.677%
27	13.022	1854	1859	1862	rBV2	20121	26653	1.15%	0.151%
28	13.127	1874	1877	1881	rVB	34884	35253	1.53%	0.200%
29	13.192	1881	1888	1891	rBV2	35554	35717	1.55%	0.203%
30	13.227	1891	1894	1897	rBV	28881	29085	1.26%	0.165%
31	13.533	1938	1946	1949	rBV5	22852	33444	1.45%	0.190%
32	13.633	1959	1963	1968	rVB	23119	28906	1.25%	0.164%
33	13.751	1978	1983	1986	rBV2	30577	40893	1.77%	0.232%
34	14.004	2018	2026	2028	rBV2	711735	800417	34.63%	4.542%
35	14.027	2028	2030	2033	rVB	136234	109927	4.76%	0.624%
36	14.392	2087	2092	2095	rBV	31420	31548	1.36%	0.179%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.492	2105	2109	2111	rBV2	29111	34374	1.49%	0.195%
38	14.810	2160	2163	2170	rVB3	26485	36223	1.57%	0.206%
39	14.886	2170	2176	2181	rBV3	33515	57255	2.48%	0.325%
40	15.051	2199	2204	2208	rBV	118250	201486	8.72%	1.143%
41	15.163	2219	2223	2227	rVB	50582	55797	2.41%	0.317%
42	15.363	2252	2257	2263	rVB	76034	98691	4.27%	0.560%
43	15.421	2263	2267	2274	rBV	101344	126053	5.45%	0.715%
44	15.492	2274	2279	2283	rBV	613444	755714	32.69%	4.288%
45	16.021	2364	2369	2373	rBV	23141	35779	1.55%	0.203%
46	16.145	2385	2390	2396	rBV10	11091	25080	1.08%	0.142%
47	16.557	2454	2460	2465	rBV7	15441	32935	1.42%	0.187%
48	16.992	2528	2534	2542	rVB2	40945	92466	4.00%	0.525%
49	17.186	2561	2567	2573	rBV5	20551	44842	1.94%	0.254%
50	17.445	2606	2611	2620	rVB2	30666	64164	2.78%	0.364%

Sum of corrected areas: 17623985

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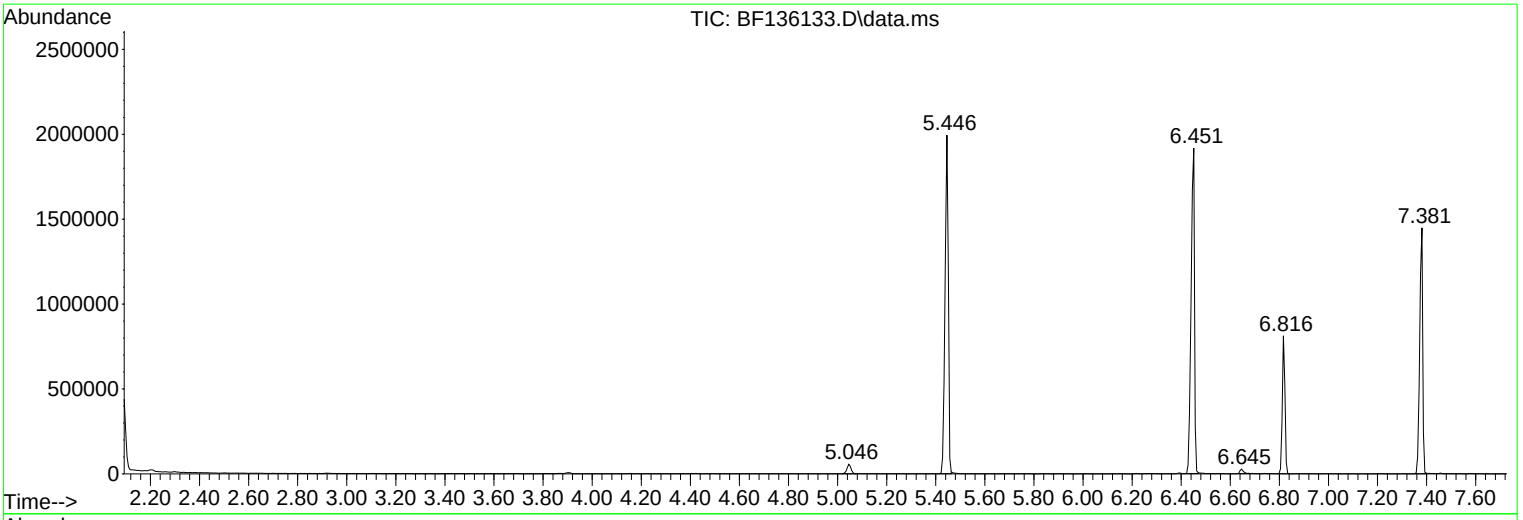
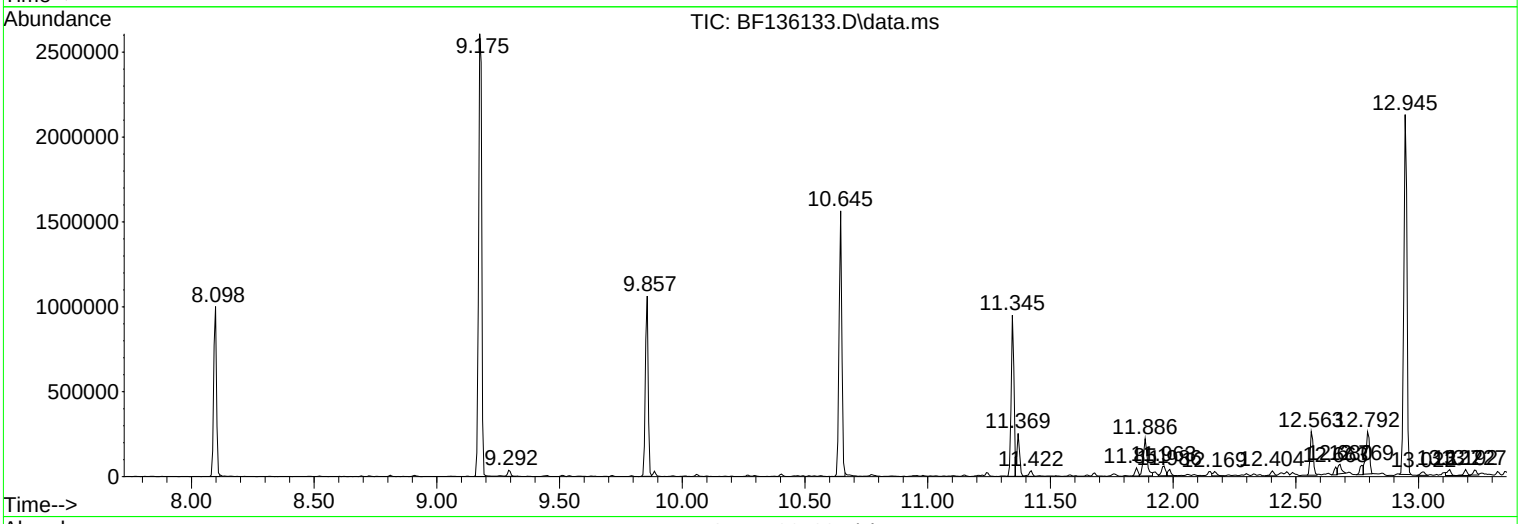
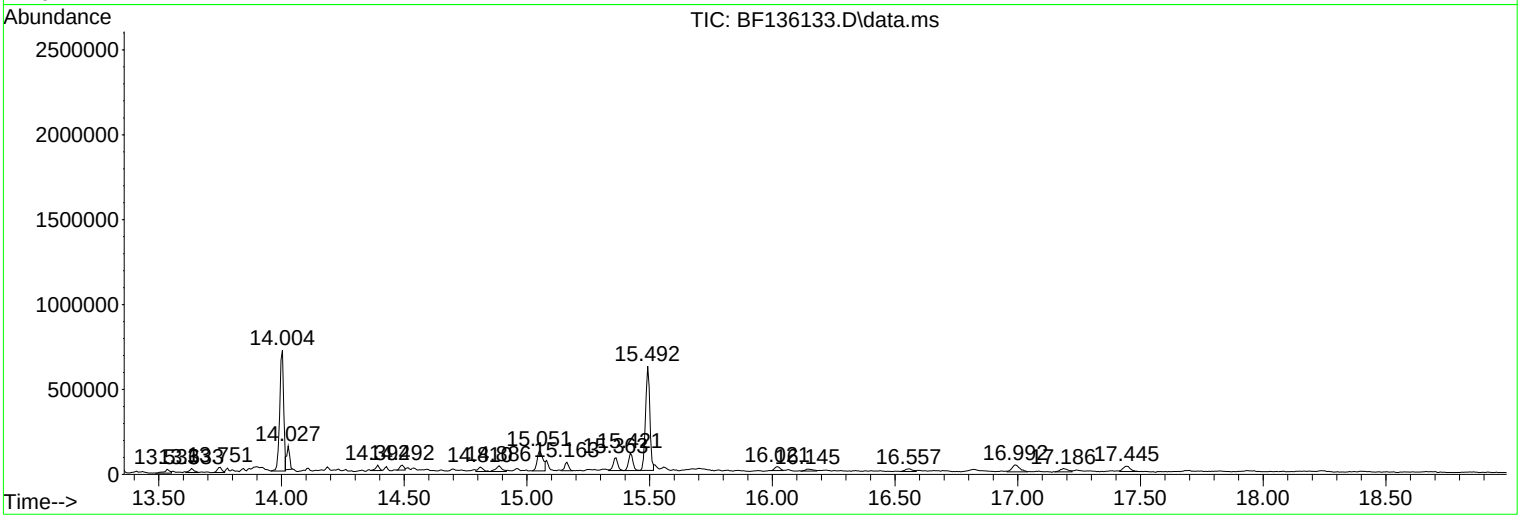
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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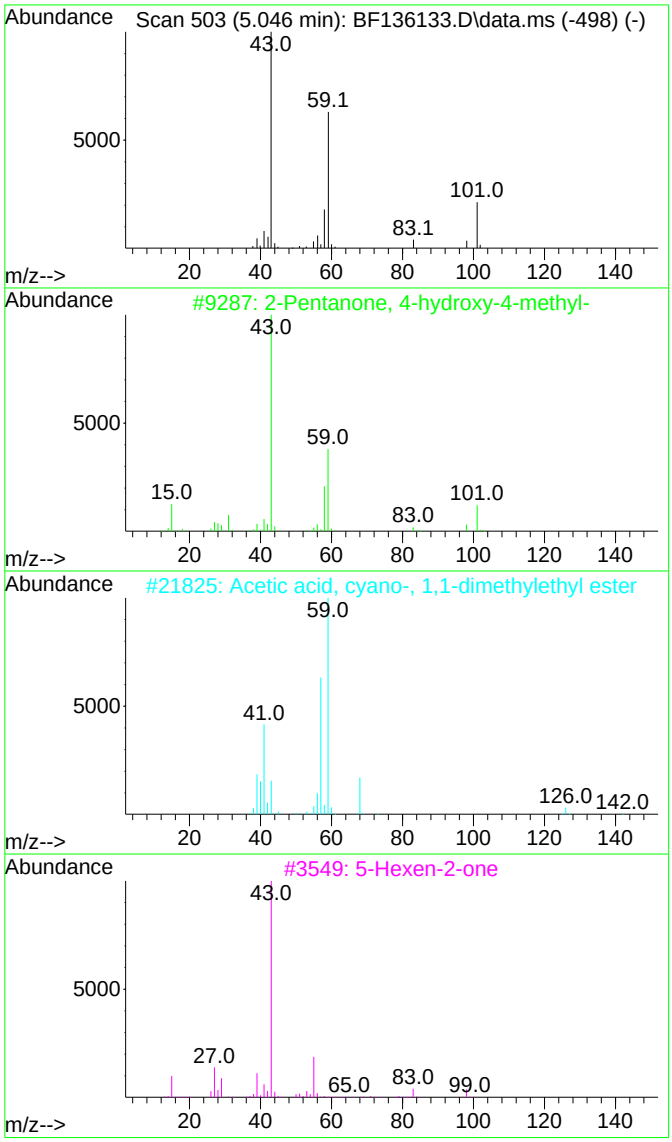
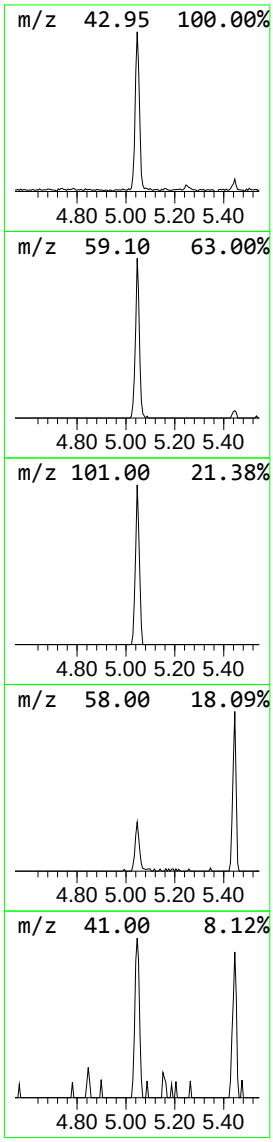
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.046	2.11 ng	64413	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

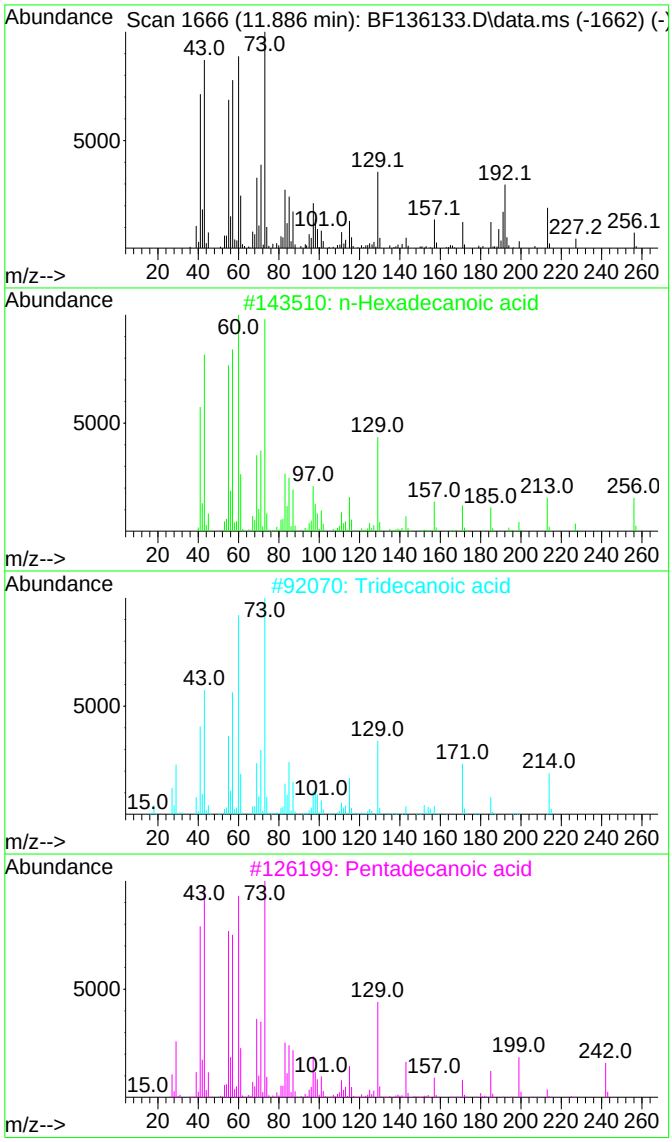
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

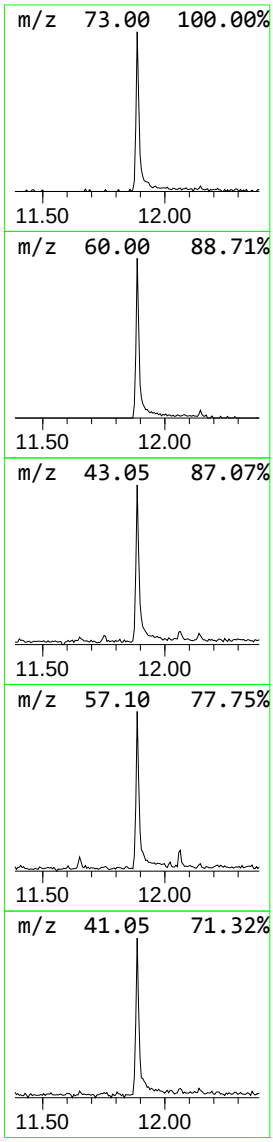
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	6.27 ng	238708	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





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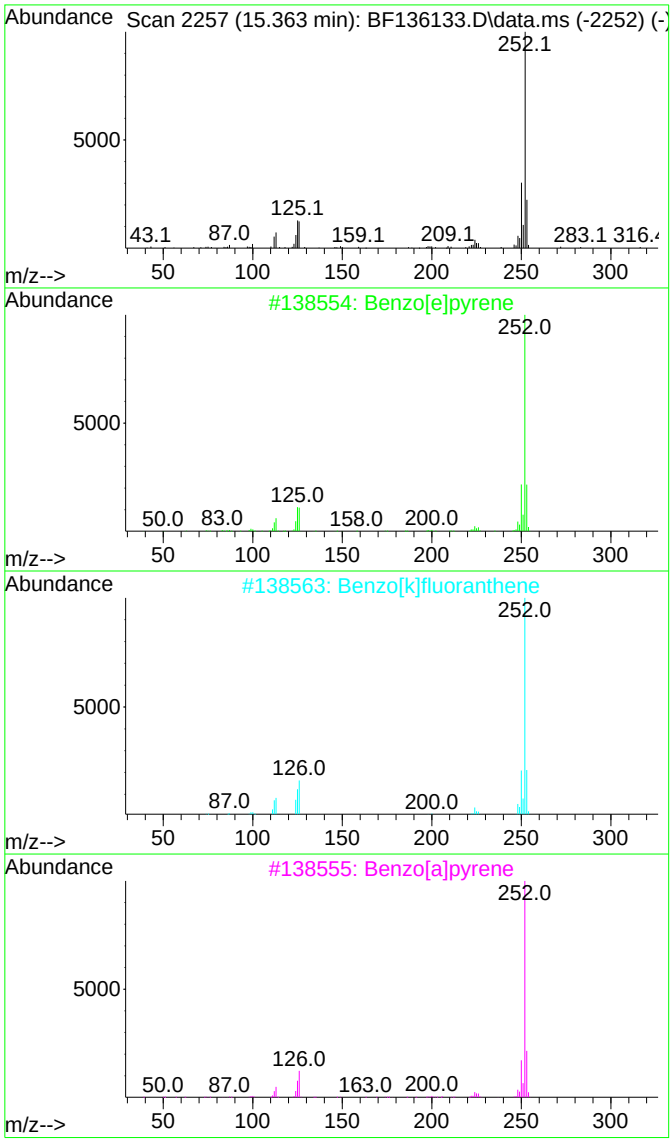
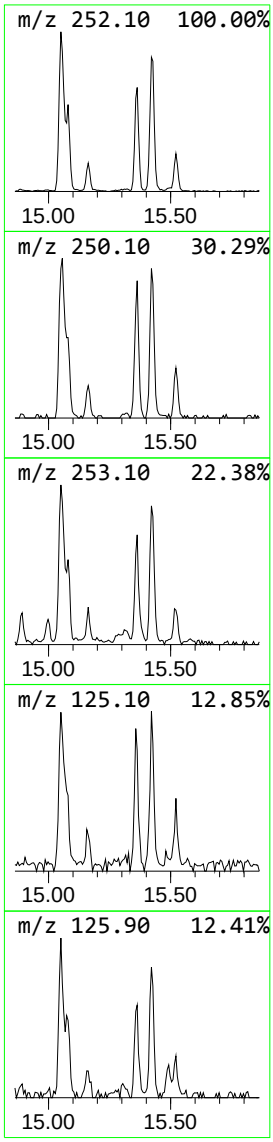
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	2.61 ng	98691	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.046	2.1	ng	64413	1	6.816	610609	20.0
n-Hexadecanoic ...	11.886	6.3	ng	238708	4	11.345	760854	20.0
Benzo[e]pyrene	15.363	2.6	ng	98691	6	15.492	755714	20.0